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10/619,101	07/14/2003	John Irving	28849/09175	5798
27530	7590	09/03/2008	EXAMINER	
NELSON MULLINS RILEY & SCARBOROUGH, LLP			KIM, PAUL	
1320 MAIN STREET, 17TH FLOOR				
COLUMBIA, SC 29201			ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/619,101	IRVING ET AL.	
	Examiner	Art Unit	
	PAUL KIM	2161	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 10 June 2008.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 2-21 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 2-21 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____ .
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)	5) <input type="checkbox"/> Notice of Informal Patent Application
Paper No(s)/Mail Date _____ .	6) <input type="checkbox"/> Other: _____ .

DETAILED ACTION

1. This Office action is responsive to the following communication: Amendment filed on 10 June 2008.
2. Claims 2-21 are pending and present for examination.

Response to Amendment

3. Claims 2 and 12 have been amended.
4. No claims have been further cancelled.
5. No claims have been newly added.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.
7. **Claims 2-9 and 12-19** are rejected under 35 U.S.C. 103(a) as being unpatentable over Matthews et al (USPGPUB No. 2003/0050986, hereinafter referred to as MATTHEWS), filed on 13 September 2002, and published on 13 March 2003, in view of Sutcliffe et al (US Patent No. 6,249,282, hereinafter referred to as SUTCLIFFE), filed on 10 January 2000, and issued on 19 June 2001, and in further view of Hockey (USPGPUB No. 2004/0064515, hereinafter referred to as HOCKEY), filed on 29 August 2001, and published on 1 April 2004.
8. **As per independent claims 2 and 12,** MATTHEWS, in combination with SUTCLIFFE and HOCKEY, discloses:

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An apparatus for electronic collaboration in an environment including a plurality of communities, each of the plurality of communities having a plurality of live users and at least one community administrator, the apparatus comprising:

- a community creation database that receives and stores preliminary profile data associated with a candidate user, a submission of the preliminary profile data indicating an interest of the candidate user in joining one of the plurality of communities {See MATTHEWS, Para. 0026, lines 6-8, wherein this reads over "SMC module is configured, for example. To create a user and user profile in database"; and Para. 0028, lines 1-2, wherein this reads over "[d]atabase 130 is configured to store member attributes and group attributes"};
- a first filter that ascertains and controls the preliminary profile data, whereupon the candidate user associated with the preliminary profile data is deemed acceptable for participation in said one of the plurality of communities, wherein the candidate user associated with the validated preliminary profile data thereby becomes a live user of the plurality of live users in said one of the plurality of communities {See MATTHEWS, Para. 0046, wherein this reads over "a private group can be joined by members of the community as approved The GA may, for example, restrict access to the group to a predefined list of users"; and Para. 0049, wherein this reads over "the SPC module, which compares the user's membership attributes to the group's permission criteria to verify whether or not the user has permission to join this group"};
- wherein at least one profile is created for the live user, wherein the profile includes descriptive information relating to the live user {See MATTHEW, Para. 0039, wherein this reads over "[t]he member's name or code may be associated in database 130 with additional member attributes"}, said descriptive information includes a first data corresponding to a set of attributes predefined by at least one of the plurality of communities and a second data corresponding to a second set of attributes entered by said candidate user {See MATTHEW, Paras. 0037-0041};
- a search engine that searches for data related to another of the plurality of live users in said one of the plurality of communities {See SUTCLIFFE, C7:L58-C8:L12, wherein this reads over "[a] first user can request a search of the database for other users based on characteristic and criteria data"} with which to communicate {See SUTCLIFFE, C4:L7-10, wherein this reads over "a user may choose a particular means to contact another user, such as by e-mail"}, based on at least a portion of said second data; and
- a second filter that monitors communications between the plurality of live users within said one of the plurality of communities, the second filter including at least a flagging filter that flags communications between the plurality of live users based on an analysis of at least a textual portion of said communications according to predetermined criteria {See HOCKEY, Para. 0109, wherein this reads over "the thresholds and attributes used for distinguishing a flagged message may be user-configurable"}, wherein the flagging filter is configured to flag communications for review prior to release to their intended recipient {See HOCKEY, Para. 0115, wherein this reads over "other options include changing the message attributes so that it may not be delivered or opened other than by a system administrator, and/or may place the file in a 'quarantine zone'"}.

While MATTHEWS fails to expressly disclose a search engine, SUTCLIFFE provides a method for searching the database for other users based on characteristic and criteria data. Therefore, it would

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have been obvious to one of ordinary skill in the art at the time the invention was made to modify the above invention suggested by MATTHEWS by combining it with the invention disclosed by SUTCLIFFE. That is, the inclusion of the disclosed invention in SUTCLIFFE would provide for the searching of members of community according to the descriptive information related to each of the live users.

One of ordinary skill in the art would have been motivated to do this modification so that a live user may search for and find other live users according to the descriptive information.

Secondly, while MATTHEWS fails to expressly disclose a second filter that monitors communications between a plurality of live users, HOCKEY discloses a system wherein messages may be flagged according to certain thresholds and attributes. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the above invention suggested by MATTHEWS by combining it with the invention disclosed by HOCKEY. That is, the modification of the invention disclosed in MATTHEWS by the invention disclosed by HOCKEY would allow for email message or other types of communications to be monitored for Spam and other inappropriateness.

One of ordinary skill in the art would have been motivated to do this modification so that message containing Spam and other inappropriateness may be filtered and intercepted such that said message are not delivered to their intended recipients.

9. **As per dependent claims 3 and 13,** MATTHEWS, in combination with SUTCLIFFE and HOCKEY, discloses:

The apparatus of claim 1, wherein validation of the preliminary profile data includes an administrator of said one of the plurality of communities approving the candidate user {See MATTHEWS, Para. 0045, hereinafter referred to as "[t]he GA may also have authority to manage group membership, wherein members may be added to or deleted from a group membership list by the GA"}.

10. **As per dependent claims 4 and 14,** MATTHEWS, in combination with SUTCLIFFE and HOCKEY, discloses:

The apparatus of claim 1, wherein validation of the preliminary profile data includes automatic validation based on one or more attributes of the preliminary profile data {See MATTHEWS, Para. 0044, wherein this reads over "such requests may be processed by an automated approval process"}.

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11. **As per dependent claims 5 and 15,** MATTHEWS, in combination with SUTCLIFFE and HOCKEY, discloses:

The apparatus of claim 4, wherein the one or more attributes include one or more of previous approval by an administrator of a specific other one of the plurality of communities and previous validation as a live user in said one of the plurality of communities {See MATTHEWS, Para. 0043, wherein this reads over “[r]equests may also be denied for persons who have in the past violated community rules”}.

12. **As per dependent claims 6 and 16,** MATTHEWS, in combination with SUTCLIFFE and HOCKEY, discloses:

The apparatus of claim 1, wherein the preliminary profile data indicates an interest of the candidate user in joining at least one other of the plurality of communities {See MATTHEWS, Para. 0047, wherein this reads over “searches and/or filters may assist members in finding a group to join”}.

13. **As per dependent claims 7 and 17,** MATTHEWS, in combination with SUTCLIFFE and HOCKEY, discloses:

The apparatus of claim 1, wherein the at least one profile includes one or more of:

- a group profile that is accessible to the plurality of live users in said one of the plurality of communities {See MATTHEWS, Figure 4},
- an individual profile that is not accessible to the plurality of live users in said one of the plurality of communities, and
- a project profile that includes blind contact information regarding the live user.

It is noted that because the “an individual profile” and “a project profile” were optionally recited within the claim, they will not be give consideration for the remainder of this Office action nor will prior art be applied to said optionally recited elements..

14. **As per dependent claims 8 and 18,** MATTHEWS, in combination with SUTCLIFFE and HOCKEY, discloses:

The apparatus of claim 1, wherein the search engine also searches for live users in communities other than said one of the plurality of communities {See SUTCLIFFE, C7:L58-C8:L12, wherein this reads over “[a] first user can request a search of the database for other users based on characteristic and criteria data”}.

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15. **As per dependent claims 9 and 19,** MATTHEWS, in combination with SUTCLIFFE and HOCKEY, discloses:

The apparatus of claim 1, wherein the at least one profile of the live user includes one or more labels represent the descriptive information relating to the live user and wherein the search engine searches for another of the plurality of live users using labels associated with profiles of the plurality of live users {See SUTCLIFFE, C5:L22-67, wherein this reads over "characteristic and other data elements"}.

16. **Claim 10-11 and 20-21** are rejected under 35 U.S.C. 103(a) as being unpatentable over MATTHEWS, in view of SUTCLIFFE, in further view of HOCKEY, and in further view of Official Notice.

17. **As per dependent claims 10 and 20,** the Examiner takes Official Notice that it would have been widely known to one of ordinary skill in the art that profiles be created in a plurality of languages (e.g. English, Spanish, Chinese, French, German, and etc.) such that communities may span a plurality of international backgrounds.

18. **As per dependent claims 11 and 21,** the Examiner takes Official Notice that it would have been widely known and apparent to one of ordinary skill in the art to associate languages with a profile and implement a search according to the language characteristic of a plurality of live users.

Response to Arguments

19. Applicant's arguments filed 10 June 2008 have been fully considered but they are not persuasive.

a. Claim Rejections under 35 U.S.C. 103 in view of Matthew and Hockey

Applicant asserts the argument that Matthew does not disclose "a system or method wherein a flagging filter flags communications between users based on a textual portion of the communications prior to release to their intended recipient." See Amendment, page 10. The Examiner respectfully disagrees. Specifically, Applicant asserts the argument that because "Hockey states that monitoring the textual content of certain emails that contain viruses or spam would be useless," that Hockey "teaches away from systems wherein communications are filtered based on character strings that the recipient desires not to receive." See Amendment, page 12. The Examiner notes that the Applicant has taken said textual references out of context from the

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Background to the Invention portion of the Hockey reference. It is further noted that Hockey is directed towards an email monitoring system wherein Spam messages and email worms are detected. Furthermore, Hockey discloses a system wherein textual content of the message or the attached files are used to determine whether said message is a Spam message or an email worm. See Hockey, Para. [0102]. In addition, it is noted that Hockey discloses the feature of flagging the message as unsolicited if a certain threshold is exceeded.

In response to applicant's argument that there is no suggestion to combine the references, the examiner recognizes that obviousness can only be established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art. See *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988) and *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). In this case, Hockey discloses a system and method wherein Spam messages and email worms are detected and flagged. The prior art reference of Matthews discloses a system and method for providing communications between members of an online community wherein an administrator has privileges to monitor said communications. The prior art reference of Sutcliffe provides a means for contacting other users via email communications. Accordingly, it would have been obvious to one of ordinary skill in the art to combine the aforementioned references to have a system wherein an administrator may monitor and flag email communications which may be considered Spam or email worms through the analysis and hashing of the email communication's textual data.

Accordingly, for the aforementioned reasons above, the rejections of claims under 35 U.S.C. 103 are sustained.

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Conclusion

20. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

21. Any inquiry concerning this communication or earlier communications from the examiner should be directed to PAUL KIM whose telephone number is (571)272-2737. The examiner can normally be reached on M-F, 9am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tony Mahmoudi can be reached on (571) 272-4078. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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